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(12) United States Patent

Ekman et al.

(54) AUTO-INJECTOR WITH A TORSION SPRING

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(57) ABSTRACT

An auto-injector for administering a dose of a liquid medicament includes an elongate housing that contains a syringe with a hollow needle and a bung for sealing the syringe and displacing the medicament. The housing has distal and proximal ends with an orifice to be applied to an injection site. A spring mechanism, upon activation, pushes the needle from a covered position inside the housing into an advanced position through the orifice. The spring mechanism also operates the syringe to supply the dose of medicament. An activating mechanism is arranged to lock the spring mechanical (Continued)

